

Converting Colors

XYZ(81.0844, 69.1538, 27.3232)

Have a look what the booklet for
XYZ(81.0844, 69.1538, 27.3232)
contains.

XYZ(63.3220, 59.9021, 26.3140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.3220, 59.9021,
26.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF79
RGB	255, 191, 121
RGB Percent	100%, 75%, 47%
CMY	0.0000, 0.2510, 0.5255
CMYK	0.00, 0.25, 0.53, 0.00
HSL	31°, 100%, 74%
HSV	31°, 53%, 100%
XYZ	63.3220, 59.9021, 26.3140
YIQ	202.1560, 60.6140, -8.2020

Conversions

Conversions Part 2

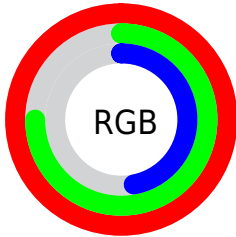
Format	Color
R_{YB}	244, 255, 121
Decimal	16760697
CIE Lab	81.78, 15.21, 44.02
CIE LCh	82, 46.570, 70.943
Yxy	59.9021, 0.4235, 0.4006
Android (android.graphics.Color)	4294950777 (0xFFFFBF79)
YUV	202.1560, -40.0099, 46.3442
Hunter-Lab	77.3964, 10.5962, 34.0195

Details

The XYZ color **63.3220, 59.9021, 26.3140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.2833, 45.9809, 101.2013**, and the grayscale version is **56.4532, 59.3932, 64.6792**.

A 20% lighter version of the original color is **82.1407, 90.8375, 53.2485**, and **32.6996, 30.2213, 9.9042** is the 20% darker color. If you saturate the color by 10%, you get **59.4141, 54.2669, 18.2897**, and if you desaturate by 10%, it is **67.8669, 66.1501, 36.5906**.

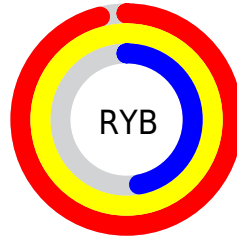
Distribution



Red (100%)

Green (75%)

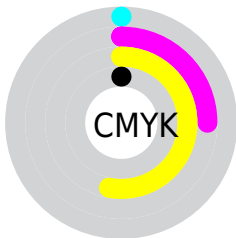
Blue (47%)



Red (96%)

Yellow (100%)

Blue (47%)

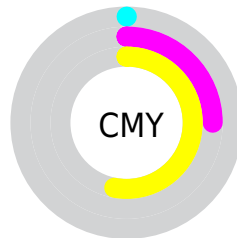


Cyan (0%)

Magenta (25%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3220, 59.9021, 26.3140 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 63.3220, 59.9021, 26.3140 by changing the saturation by 10% instead.


 63.3220, 59.9021,
26.3140

 63.3220, 59.9021,
26.3140


426.3783,
424.2368, 297.9745


 46.3614, 43.3397,
16.8308


 108.7131,
104.6876, 54.7714

 32.7369, 30.1518,
9.9533


 137.8744,
133.6796, 74.5826

 22.0832, 19.9538,
5.2628


 171.8332,
167.5835, 98.6737

 14.0350, 12.3615,
2.3408

210.9549,
206.7839, 127.4630

 8.2269, 6.9904,
0.7540

255.6049,
251.6650, 161.3693

 4.2935, 3.4561,
0.0000

306.1486,

 1.8695, 1.3742,

302.6112, 200.8109

0.0000

362.9512,
360.0070, 246.2064

■ 0.5590, 0.1976,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3220, 59.9021,
26.3140

■ 63.3220, 59.9021,
26.3140

■ 59.4141, 54.2669,
18.2897

■ 67.8669, 66.1501,
36.5906

■ 56.1002, 49.2118,
12.3368

■ 73.0793, 73.0244,
49.2742

■ 53.3378, 44.7132,
8.2520

■ 78.9927, 80.5486,
64.5095

■ 51.0744, 40.7409,
5.7881

■ 85.6367, 88.7423,
82.4289

■ 49.6575, 38.0953,
4.7359

■ 93.0390, 97.6243,
103.1555

95.0498, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4133, 59.9021, 35.8291



63.3220, 59.9021, 26.3140



53.4272, 59.9021, 25.2480

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3220, 59.9021, 26.3140



40.3435, 59.9021, 76.0308



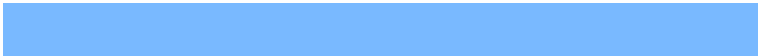
70.2193, 59.9021, 115.1599

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.3220, 59.9021, 26.3140



43.2833, 45.9809, 101.2013

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.5934, 59.9021, 133.9812



63.3220, 59.9021, 26.3140



43.8365, 59.9021, 107.4396

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3220, 59.9021, 26.3140



40.8953, 59.9021, 49.1198



50.9929, 59.9021, 130.8080



76.7007, 59.9021, 84.5098

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3220, 59.9021, 26.3140



47.7722, 59.9021, 28.9820



50.9929, 59.9021, 130.8080



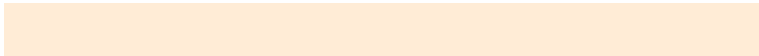
67.2007, 59.9021, 123.4289

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.3234, 59.9050, 26.3152



83.2592, 85.8374, 75.9324



56.9157, 38.4705, 50.7507



17.5265, 18.0102, 15.4570



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3234, 59.9050, 26.3152



59.2521, 54.0263, 17.9774



79.6341, 93.7391, 31.9861



18.7946, 19.5574, 18.9287



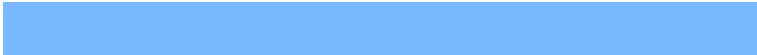
26.0978, 20.2069, 2.5248



2.6505, 2.1864, 0.2823

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.2833, 45.9809, 101.2013



37.2784, 38.7709, 100.1265



33.0897, 25.1236, 97.7127



17.7187, 18.8089, 22.9466



13.2013, 11.3121, 50.9223



1.3939, 1.3186, 4.9943

Previews

White Background



This preview shows how the XYZ color 63.3220, 59.9021, 26.3140 looks on a white background.

Color Contrast Check

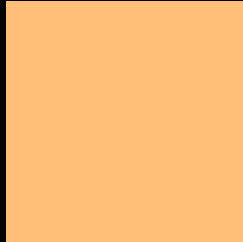
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 63.3220, 59.9021, 26.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3220, 59.9021, 26.3140

Background



This preview shows how black text looks on a background with the XYZ color 63.3220, 59.9021, 26.3140.



This preview shows how white text looks on a background with the XYZ color 63.3220, 59.9021,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.3220, 59.9021, 26.3140

Protanopia

55.4830, 60.2217, 28.4383

Deuteranopia

61.0397, 59.7138, 26.0781



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

63.3220, 59.9021, 26.3140

Protanomaly

57.9932, 59.7945, 27.5537

Deuteranomaly

61.8845, 59.8200, 26.0540

Tritanomaly

66.1718, 59.6652, 45.5650

Monochromacy



Original Color

63.3220, 59.9021, 26.3140

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5557, 58.7774, 47.8468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3220, 59.9021, 26.3140 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 191, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 121)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 191, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 121) }
```

Border

The CSS property to change the border of an element to XYZ 63.3220, 59.9021, 26.3140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 191, 121) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 191, 121) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 191, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3220, 59.9021, 26.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 121) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
191, 121) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor